

Title (en)  
DEBRIS COLLECTION TOOL

Title (de)  
WERKZEUG ZUM SAMMELN VON ABFALL

Title (fr)  
OUTIL DE COLLECTE DE DÉBRIS

Publication  
**EP 4223975 A1 20230809 (EN)**

Application  
**EP 23181153 A 20210215**

Priority  

- US 202016805941 A 20200302
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- EP 21710801 A 20210215
- US 2021018122 W 20210215

Abstract (en)  
A method and apparatus for operating a debris collection tool. In one embodiment, the tool includes a cover assembly having a plurality of covers spaced from one another along the length of the assembly creating a gap between adjacent covers. A carrier disposed within the cover assembly is axial movable relative thereto and has a plurality of magnet groups spaced from one another along its length. In an unactuated position of the tool, each of the plurality of magnet groups is under one of the plurality of covers and in an actuated position, each of the plurality of magnets is in a gap between covers.

IPC 8 full level  
**E21B 31/06** (2006.01)

CPC (source: EP)  
**E21B 31/06** (2013.01)

Citation (applicant)  

- US 8540035 B2 20130924 - XU WEI JAKE [US], et al
- US 9115573 B2 20150825 - PURKIS DANIEL [GB], et al
- US 9382769 B2 20160705 - WILSON TIMOTHY L [US], et al
- US 10087725 B2 20181002 - GIROUX RICHARD LEE [US], et al

Citation (search report)  

- [A] EP 2868862 A1 20150506 - WEATHERFORD LAMB [US]
- [A] WO 2006120453 A1 20061116 - SPECIALISED PETROLEUM SERV LTD [GB], et al
- [A] GB 2350632 A 20001206 - SPECIALISED PETROLEUM SERV LTD [GB]
- [A] US 2011285155 A1 20111124 - NELSON JONATHAN F [US], et al

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
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